

Manhole Inspection Summary

Manhole # S31YY1022MH

Printed On: 12/17/2008

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Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **31YY1** Node: **022** Status: **Found**

Insp Date: **1/18/07 9:21 AM**

Incomplete Comments

Crew: **JY, JJ**
Inspector: **Yi, J**
Firm: **RKK**

Location Address: **5306 SAINT ALBANS WAY**

Cross Street: **SAINT DUNSTANS RD**

Manhole Type: **Junction**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **Ponding**

Comments **Some of data (measurements and clock positions of the pipes) couldn't be collected due to an overhang and the Barrel size. 3 of the 4 pipes were at least 2 feet away from MH and under the overhang.**

Cover

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **-1** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame

Offset: **0** (in.)

Condition: ☐ Sound

☐ Cracked

☒ **Leaks**

Chimney / Frame Adjustment

☒ Exists Material: **Brick**

☐ Parged Height: **36** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Corbel

Material: **Brick and Concrete**

☐ Parged

Type: **Flat top**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☒ **Joint** ☐ Cracks ☒ **Mortar** ☐ Roots ☐ Wall

Barrel

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **60** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench

☒ Exists Material: **Brick**

☐ Parged

☒ **Debris** (not Condition related)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☐ Leaks ☐ Debris

Channel

Material: **Brick**

☐ Parged

☐ Debris (not Condition related)

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Deteriorated** ☐ Leaks ☐ Debris

Steps

Count: **5** Missing: **0** ☒ **Corroded**

Surcharge

☒ **Evidence Of Surcharge**

Depth: **3** (ft.) ☐ Active Surcharge Present

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Location View



Top View



Corroded steps. Evidence of surcharge - Bench debris.

MH configuration



Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel infiltration - other side.

Defect



Corbel infiltration.

Defect



Frame leaks. Adjustment deterioration and infiltration. Corbel infiltration.

Defect



Adjustment and Corbel deterioration and infiltration.

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Pipe Out @ 12 O'Clock



Bench deterioration.

Pipe Material: ☐ Pipe Lined
Invert Depth: (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop:
Angled: Reading: (ft.)
Inv Depth: (ft.)
Drop Condition:

Connects To: **Manhole**

☐ Possible Illicit Connection

Pipe In @ 2 O'Clock



Pipe Material: ☐ Pipe Lined
Invert Depth: (ft.) Flow Characteristics: **Slow**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop:
Angled: Reading: (ft.)
Inv Depth: (ft.)
Drop Condition:

Connects To: **Manhole**

☐ Possible Illicit Connection

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Pipe In @ 3 O'Clock



Channel deterioration.

Pipe Material: ☐ Pipe Lined
Invert Depth: (ft.) Flow Characteristics: **Slow**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop:
Angled: Reading: (ft.)
Inv Depth: (ft.)
Drop Condition:

Connects To: **Manhole**

☐ Possible Illicit Connection

8 in. Circular Gravity Sewer

Pipe In @ 7 O'Clock



Channel deterioration.

Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **10.96** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection